

The Role of the Hyaluronic Acid-Hyaluronidase System in
the Reabsorption of Water From the Kidney Tubules,
by A. G. Ginetsinskiy, L. N. Ivanova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5, 1958,
pp 1043-1045.

Amer Inst of Biol Sci

Sci - Chem

96,958

Reflex Changes in Small-Intestine Motility in
Response to the Action of Chemical Stimuli and Beta
Rays on the Mucous Membrane, by N. A. Bokotova,
I. M. Gorbunova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5,
1958, pp 1046-1049.

Amer Inst of Biol Sci

Sci - Med

96,959

Effect of Unconditioned Stimulus Strength on the
Spinal Motor Reflex, by G. T. Semenova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5,
1958, pp 1050-.

Amer Inst of Biol Sci

Sci - Med

96,960

Warm-Blooded Animals as Carriers of the Causative
Agent of Q-Fever, by B. E. Karulin, A. A. Pchelkina,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5,
1958, pp 1054-.

Amer Inst of Biol Sci

Sci - Med

96,955

(SF-1797)

The Maximum Principle in the Theory of Optimal Processes
by V. G. Boltyanskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6, 1958.
pp 1070-1073.

JPRS 4659

Sci - Math

155,650

Jun 61

Theorems on the Completeness of the System of
Characteristic and Adjoined Elements of Operators
Having a Discrete Spectrum, by V. B. Lidskiy, 6 p.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol
CXIX, 1958, pp 1088-1091.

Am Math Soc
Vol XLVII, Ser 2

Sci-Math
Jun 66

302,636

Black Holes in India Described by an Ambulatory
Equation of State, by Ya. G. Galkin,

RUSSIAN, pp. Dok Ak Nauch SSSR, Vol VIII, No 6,
1958, pp 1105-.

Rev. 2016/2-64

Sci - Pava
Feb 59

7/1/2008 81,168

Thermal Boundary Layer on a Rotating Disc, by
E. A. Norman, 4 pp.

RUSSIAN, per, Dok Ak Nauk USSR, Vol CXIX, No 6,
1958, pp 1110-1112.

Morris D. Friedman D-128
\$4.00

Sci - Engineering
Mar 59

84, 418

On the Theory of Gas Jets, by L. N. Sretenskiy,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6, 1956,
pp 1113-1114.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,758

The Nonlinear Problem of the Theory of a
Submerged Airfoil, by A. M. Ter-Krikorov,

7 pp.

RUSSIAN, part, Dok Ak Nauk SSSR, Vol CXIX, No 6,
1958, pp 1115-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,759

Local Torsional Stresses in a Prismatic Circular
Beam With an Eccentric Elliptical Hole, by Yu. A.
Amenzade, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6, 1958,
pp 1118-1121.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,869

Diffraction of a Plane Elastic Wave at the Vertex of
a Sector, by V. A. Sveklo, V. A. Syukiyaynen, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6, 1958,
pp 1122-1123.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,870

Plane Deformation of Incompressible Material,
by L. A. Tolokanikov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6,
1958, pp 1124-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,871

Emission from Tb¹⁶⁰, by M. P. Avotina, E. P.
Grigor'yev, A. V. Zolotavin, B. Kratsik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIX, No 6, 1958,
pp 1127-1130.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci . Phys

Jul 59

91,889

Ionization of Fast Neutral Potassium Atoms in
Collisions With Argon Atoms and Hydrogen, Nitrogen
and Oxygen Molecules, by Yu. F. Bydin, A. M. Bukhteyev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6, 1958,
pp 1131--.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 50

91, 890

Certain Simplifications of the Dynamic
Equations of Established Currents in
a Baroclinical Sea, by V. M. Kamenkovich,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIX,
No 2, 1953, pp 1134-1137.

6

Consultants Bureau

Sci - Geophys

Mar 59

83,040

Characteristic Parameters of the Wind Wave
Field in the Ocean, by V. V. Shuleikin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII,
No 2, 1953, pp 1133--.

6

Consultants Bureau

Sci - Geophys

Mar 59

83,039

Certain Regularities on Binary Metallic Systems, by
O. S. Ivanov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, 1958,
p 1142.

CIA/FDD X-3060

Sci - Min/met
Sep 58

74, 918

The Equations of the Steady Asynchronous
Operation of Electric Systems, by S. V.
Shtaklov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6,
1958, pp 1145-.

Annal Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,763

Synthesis of Organosilicon Compounds Containing
the Methacrylic Group, by K.A. Andrianov and
A.K. Dabagova.

RUSSIAN, per, Dok Akad. Nauk SSSR, 1958, vol. 119
no. 6, pp. 1149-1151.

ATS-63R-79R

Chem
Aug 66

307,776

Preparation of Some Primary Alcohols From Organo-
aluminum Compounds, by A. M. Sladkov, V. A.
Markovich, 3 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol CXIX No 6,
1958, pp 1159-1161.

SLA 59-10229

Sci - Chem
Sep 59
Vol 2, No 2

97668

Phase Transformation in the System Sodium
Carbonate Sodium Sulphate, by A. N. Khlapova. UCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6,
1958, pp 1167-1169.

DSIR LRU RTS 1075

Sci - Chem
Jul 59

90,681

the Structure and Strengthening Effect of Colloidal
Silicic Acid As A Filler For Synthetic Caoutchouc,
by B. E. Degutkin, K. Pavlovskaya, E. Gol'dman,
et al.

RUSSIAN, per, Kt Dok Ak Nauk SSSR, Vol XI, No. 1,
1958, 2170-2173.

Consultants Bureau

Sci - Chem

May 59

SLI 54-22168 87,063

The Proton Affinity of Hydrogen and of Saturated
Hydrocarbons, by E. L. Frankovich, V. L. Tal'roze.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6,
1958, pp 1174-1176.

Assoc Tech Serv RJ-1390

Sci - Chem
Apr 59

85,279

(2239-N)

Thermophoresis in an Aerosol Flow, by N. A. Fuchs,
S. S. Yankovskiy, 5 pp.

RUSSIAN, Engl., Doklady Akademii Nauk SSSR, Vol
CXIX, No 6, 1958, pp 1177-1179.

US PRS L-62/-N

Sci - Chemistry

Feb 59

81, 575

The Synthesis of Substances in Water, Saturated With
the Gases of a Reducing Atmosphere, Under the Action of
of Ultrasonic Waves, by I. E. Zhukovskiy, A. V. Sidorov,
Moskva, 4 pp.

RUSSIAN, DOK Ak Nauk SSSR, Vol. CXIX, No 2,
1958, pp 1180-1182.

Consultants Bureau

001 - Chem

May 59

88,860

Initiating Effect of Endon Radiation in the Oxidation of Isodecane (2,7-Dimethyloctane). by E. H. Emanuel', E. A. Alyumbar', D. M. Ziv, V. L. Pikayeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4, 1958, pp 1183-.

Consultants Bureau

Sci - Chem

May 59

88,861

Kinetics of the Hydrogenolysis of Dibenzothiophene
and Octahydrodibenzothiophene Over Aluminocobalto-
molybdenum Catalyst, by R. D. Obolentsev, A. V.
Mashkina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^{CXIX}~~61811~~, No 6,
1958, pp 1187-.

Consultants Bureau

Sci - Chem

Jun 59

PP 1187 1130 AT/AT-16/C

88, 615

The Position of the Mammulitic Limestones in
the Paleogene Sequence of the Northern Near-Aral,
by Mr M. E. Voskoboinikov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2, 1960,
pp 1191-1194.

Consultants Bureau

Sci - Geophys

Mar 59

83,046

Marine Albion Deposits on the West Shore
of the Aral Sea, by R. G. Garetskii, V. I.
Samodurov and A. L. Yanshin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX,
No 2, 1958, pp 1195-1198. CIA 8041337

6

Consultants Bureau

Sci - Geophys

USDA

Mar 59

83,048

On the Most Ancient Downwarping on the West of
the Russian Platform, by G. Kh. Dikenshtein,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX,
No 2, 1958, pp 1199-1201.

6
Consultants Bureau

Sci - Geophysics

Mar 59

83,047

On the Eruptions in Effusive Rocks, by
N. A. Kudryavtsev, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol. XXII,
No 2, 1958, pp 1202-1205,

6
Consultants Bureau

Sci - Geophys

Mar 59

23,049

Some New Data on the Stratigraphy of the Devonian
Deposits of the Uimen' Depression (High Altai).,
by Yu. S. Maimin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX,
No 2, 1953, pp 1206-1208.

6

Consultants Bureau

Sci - Geophysics

Mar 59

83,042

On the East Kuban' Basin of Central
Ciscaucasia, by B. G. Sokratov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX,
No 2, 1951, pp 1209-1211.

6

63

Consultants Bureau

Sci - Geophysics

Mar 59

83,044

Conditions of Formation of Oil and Gas Deposits
in a Number of Oil-Bearing Regions of the USSR,
by S. F. Fedorov, 4 pp.

RUSSIAN, per, Dok ak Nauk SSSR, Vol CXIX,
No 2, 1953, pp 1212--.

6

Consultants Bureau

Sci - Geophysics

Mar 59

83,043

The Relationships of Aegirine and Basic
Amphibole in the Ferruginous quartzites of
the Kursk Magnetic Anomaly, by A. A. Ginzburg,
4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol XXXI,
No 5, 1958, pp 1216--.

6
Consultants Bureau

Sci - Geophya

Mar 59

83,133

Reactive Inhibition of Cell Division in the Corneal Epithelium Caused by Stimulation Following Glucose Injection, by A. K. Ryabukha, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIX, No 6, 1958, pp 1221-.

Amer Inst of Biol Sci

Sci - Med

96,931

Effect of Concentration of Specific Substrate on
Variability of Enzymatic Properties of Yeast, by
K. V. Kosikov, O. G. Kayevskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 6,
1958, pp 1225-.

Amer Inst of Biol Sci

Sci - Med

96, 942

Effect of Temperature on Gas-Exchange in Larvae
of Some Pelopiinae (Tendipedidae, Diptera), by
V. P. Luferov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6,
1958, pp 1229-.

Amer Inst of Biol Sci

Sci - Med

96,949

Formation of the Root System of Pedunculate
Oak, by H. P. Dananskaya. 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIX, No 6,
1958, pp. 1233-.

Amer Inst of Biol Sci

Sci - Biol

Jul. 59

91,994

Distribution of the Products of Photosynthesis in Soy
bean in the Early Stages of Its Development, by
I. Belikov, E. Dostentzkiy. 4 pp.

RUSSEAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6,
1958, pp 1236-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91, 979

Decomposition and Leaching of Leaves of Woody
Plants, by V. I. Slovinkovski. 422

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6,
1958, pp 1240-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,980

The Peculiarities of the Appearance of Diapause in
Different Geographical Population of the Spider
Mite, by H. V. Bondarenko, K'uang Hai-Yuan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6,
1958, pp 1247-.

Amer Inst of Biol Sci

Sci - Med

96,966

Influence of the Microelements Copper and Cobalt
on the Content of Nucleic Acids in the Leaves of
Potato, by N. D. Timashov. 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6,
1958, pp 1244.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,975

Histological Changes of the Rat Myocardium During
Healing, by L. V. Akhmedov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6,
1958, pp 1251-.

Amer Inst of Biol Sci

Sci - Med

96,939

Electrical Manifestations of Reciprocal
Excitation and Inhibition in Individual
Motoneurons, by P. G. Kostyuk, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^XCIX,
No 6, 1958, pp ~~1255-1264~~ CIA 9041270
1255-1258

NIH-8-30
A125

Sci - Medicine

Aug 59

93,202

On the Rate of Convergence of the Iteration
Process of a Difference Solution of the Dirichlet
Problem for the Laplace Equation, by E. M. A.
Aleksidze, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, 1958,
pp 9-12.

AEC NP 137

Sci - Phys

Oct 58

74,608

Derendyaev, I. M.
A METHOD OF CHORDS SYNTHESIZED FROM
CHEBYSHEV'S POINTS. [1961] 8p. 2 refs.
Order from OTS or SLA \$1.10 61-20006

Trans. of Akad[emiya] Nauk SSSR: Doklady, 1958,
v. 120, no. 1, p. 21-24.

DESCRIPTORS: *Polynomials, *Integral equations,
*Differential equations, Numerical methods and pro-
cedures, Operators, Inequalities.

The method is applicable to the solution of all classes
of equations which are solved by the Newton and
Chaplygin methods, for example, algebraic and trans-
cendental integral-differential equations in partial
derivatives. (Author)

(Mathematics, TT, v. 6, no. 10)

61-20006

I. Derendyaev, I. M.

6322

Office of Technical Services

Behavior of the Solutions of the Cuachy Problem
for Certain Quasilinear Equations for Unbounded
Increase of the Time, by A. M. Il'in and O. A.
Oleinik, 6 p.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol.
CXX, 1958, pp 25-28.

Amth Soc
Vol XLII, Ser 2

Sci-Math
Jun 66

302,694

In the Connection Between the Linear ^Dynamic
System and the Differential Equation in ~~Linear~~
Space, by F. A. Sholovich, 9 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXK, No 1,
1958, pp 43-46. CIA 650547

ATTC MEL-194/V

Sci - Physics
Nov 59

102,395

Wing of Finite Span with a Symmetrical Profile in
Compressible Flow, by E. A. Krasil'shchikova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, 11 51-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,120

On the Polarized Light in the Emission Lines
Excited by the Synchrotron Radiation of Relativistic
Electrons in Variable Stars, by I. M. Gordon,
L. D. Pichaknchi, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CMX, No 1,
1958, pp 55-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

92, 122

On Wick's Problem, by M. V. Maslennikov, 5 pp.

^k
RUSSIAN, par, Dokl Ak Nauk SSSR, Vol CXK, No 1,
1958, pp 59-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,114

On the Theory of Impacts of Cylinders, by V. A.
Sveklo, 5 pr.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol. CXX, No 1, 1958,
pp 47-62.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,108

On the Theory of the Diffusion of Radiation in a
Semi-Infinite Medium, by I. N. Minin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 63-65.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,109

Absolute Oscillator Strengths of the Resonance
Lines of MgI, CaI, SrI, and BaI, by Yu. I.

Ostrovsky, E. P. Penkin, L. N. Shabanova, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 66-68.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

92, 110

Diffusion of Radiation in a Flat Layer, by
V. V. Sobolev, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXV, No 1,
1958, pp 69-72.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,111

Experiments to Produce Element 102, by G. N. Flerov,
S. M. Polikanov, A. S. Karasyn, A. S. Pasyuk,
D. G. M. Parfanovich, N. I. Tarantini, V. A. Karnaikhev,
V. A. Druyn, V. V. Volkov, A. M. Semchinova, Yu. Ts.
Oganesyan, V. I. Khalizev, G. I. Khlebnikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 73-.

from Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys
Jul 59

92, 104

On the Temperature Dependence of the ²Thermal
Conductivity of Selenium Containing Additions of
Chlorine, by G. M. Alyev, G. B. Abdullayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 76-78.

Amer Inst of Phyn
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,091

The Application of the Method of Specimens of
Variable Composition to the Study of Ternary Alloys,
by L. S. Palatnik, G. V. Fedorov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, 79-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,084

Carnallite and Syngenite in the Deposits of the
Dzhakty-Klych Salt Lake (Near the Aral Sea), by
I. M. Lepeshkov, Kh. B. Pradkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958,
pp 83-85.

Consultants Bureau

Sci - Chem

June 59

88,784

Diene Condensations of Gem-substituted Butadienes,
by I. N. Hazarov, M. V. Mavrov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 1, 1958,
pp 86-89.

Consultants Bureau

Sci - Chem

Jun 59

88,785

Alkylation of Phenol with Diisobutylene and
Triisobutylene in the Presence of Catalysts
Containing Boron Trifluoride, by A. V. Topchyev,
B. M. Tuzerman, T. A. Fedorova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958.
pp 90-.

Consultants Bureau

Sci - Chem

Jun 59

88,786

The Surface Conductivity of Quartz in the Presence
of Adsorbed Film, by I. P. Abdrakhmanova, B. V.
Deryagin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958,
pp 94-97.

Consultants Bureau

Sci - Chem

22/6/59

89,979

A Study of the Oxidation-Reduction Potentials of Plutonium
in Nitric Acid, by P. I. Artyukhin, A. D. Cel'man, V. I.
Medvedovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1, 1958,
pp 98-100.

Consultants Bureau

Sci - Chem

22/6/59

89,980

The Problem of the Mechanism of Electrolytic Polishing and the Structure of the Electropolished Surface, by G. S. Vozdvizhenskiy, G. A. Gorbachuk, G. P. Dzideryev, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXX, No 1, 1956, pp 101-102.

Consultants Bureau

Sci - Chem

22/6/59

89,981

The Mechanism of Electrolytic Polishing of Metals
and the Structure of the Polished Surface, by G. S.
Vozdizhenskiy, G. A. Gorbachuk, G. P. Deziderev. UNCL

RUSSIAN to FRENCH, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
pp 101-102.

IRSID T 1139
185, Rue President-Roosevelt
St. German-en-Laye
(S-et-O), France

Reversible Isotherms for the Adsorption of Water
on Quartz, by S. P. Zhdanov, 6 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXX. No. 1, 1958.
pp 103-106.

#

Consultants Bureau

Sci - Chem

22/6/59

SIR LLU RTE. 1167

89,982

The Role of the Nonstationary Process in the Accumulation of Degenerative Branching Chain Reactions in the Liquid Phase, by G. D. G. Knorre, V. L. Pikayeva, W. M. Emanuel, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958, pp 107-110.

Consultants Bureau

Sci - Chem

22/6/59

89,983

The Thermodynamics of CsCl-RbCl Solid Solutions at
25°C by L. L. Makarov, Yu. G. Vlasov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXK, No 1, 1958,
pp 111-113.

Consultants Bureau

Sci - Chem

22/6/59

89,984

The Measurement of the Differential Capacity of
the Electrical Double Layer on the Dropping Mercury
Electrode in Solutions of KF, LiCl, NaCl and KCl in
Methyl Alcohol, by S. Mints, Ya. Yastshembakaya, 2 p.

X
RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CCX, No 1, 1958,
pp 114-115.

Consultants Bureau

Sci - Chem

22/6/59

89,985

The Mechanism of the Vertical Distribution of H_2O_2
Above a Solution, by I. L. Roykh and I. P. Dolotich,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958,
pp 116-118.

Consultants Bureau

Sci - Chem

22/6/59

89,986

The Kinetics of the Oxidation of Ferrocene by Iodine,
by A. V. Savitskiy, Is. K. Syrkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958,
pp 119-121.

Consultants Bureau

Sci - Chem

22/6/59

89,987

The Equilibrium Potentials of Zirconium in Chloride Melts,
by M. V. Svirnov, V. A. Chernenov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958,
pp 122-125.

Consultants Bureau

Sci - Chem

22/6/59

89,988

The Mechanism of the Emulsifying Action of Solid
Emulsifiers, by A. B. Taubman, A. P. Koretskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol. ⁷⁷CXX, No 1, 1958,
pp 126-129.

Consultants Bureau

Sci - Chem

22/6/59

89,989

The Dependence of the Lower Limit of the Structural Stability and the Critical Velocity Gradient on the Concentration of Oleogels of Aluminum Naphthenate, by V. A. Fedotova, A. A. Trapeznikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXX, No 1, 1958, pp 130-133.

Consultants Bureau

Sci - Chem

22/6/59

89,990

Electrocapillary Movement in Molten Slags, by V. V.
Khlynov, O. A. Esin, ~~xx~~ 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958,
pp 134-136.

Consultants Bureau

Sci - Chem

22/6/59

89,991

The Determination of Polarographic Diffusion Coefficients
by the Use of the Rotating Disk Electrode, by V. D.
Yukhtanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958,
pp 137-.

Consultants Bureau

Sci - Chem

22/6/59

89,992

The Action of Ionizing Radiation on Lipoxidase
Activity in Various Types of Germinating Plants
by E. V. Budnitakaya, I. G. Borisova, A. G. Pasynskiy
4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 1, 1958,
pp 140-143

Amer Inst of Biol Sci

Sci - Biology, Chem

Feb 59

80,756

The Solubility of Carbon in Ferro-Silico-Manganese,
by P. V. Gal'd, N. S. Petrushevskiy, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol. 151, No. 1,
1958, pp 144-147.

Consultants Bureau

Sci - Chem

Jun 59

88, 673

Kinetics of the Nitridation of Calcium Carbide,
by N. A. Gol'dberg, Yu. D. Znamenskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CAX, No 1,
1958, pp 148-150.

Consultants Bureau

ATS 24/1/58

Sci - Chem

ATS 175 16 78

Jun 59

88,675

Contribution to the Calculation of the Process
of Rectification in Films, by Liu Kuang-Tsun,
V. A. Malyusov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, ~~pp 151-154~~ pp 151-154.

Consultants Bureau

Sci - Chem

Jun 59

88,674

The Nonuniformity of Distribution of the Reagent
During the Flotation of Sulfides, by I. K. Plakol.
V. I. Tyumnikova, 4 pp.

RUSSEAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 155-.

Consultants Bureau

Sci - Chem

Jun 59

88,676

Palynological Basis for the Subdivision of the
Quaternary Deposits in the Osinovyi Region of the
Enisei Valley, by V. V. Zener, V. A. Zubakov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 1,
1958, pp 162-165.

Consultants Bureau

Sci - Geophys

96,567

Cytological and Cytochemical Investigation of
Spermatogenesis in the River Minnow (*Lepetra
Fluviatilis*), by L. A. Chubareva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXX, No 1
1958, pp 165-.

Amer Inst of Biol Sci

Sci - Med

96,078

Periodicity of Sedimentation in the Manych
Depression (Quaternary and Pliocene History), by
S. N. Koptelova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 168-171.

Consultants Bureau

Sci - Geophys

96,568

Age of the Redbeds of the Southeastern Tianshan
Region, by E. M. Lyutkevich, G. F. Schneider, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1.
1956, pp 172-174.

Consultants Bureau

Sci - Geophysics

96,569

The Subdivision of the Marine Persian Deposits
of the Southern Part of the USSR into Stages, by
A. D. Miklukho-Maklay, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 1,
1958, pp 175-178.

Consultants Bureau

Sci - Geophys

96,570

The Age and Origin of the Surface Sediments in
the Tom'-Kalyvan' Zone, by A. V. Minervin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 179-182.

Consultants Bureau

Sci - Geophys

96,571

Volcanic Ash From the Neotian Sediments of the
Moldavian SSR, by A. G. Eberzin, V. S. Sayanov,
4 pp.

RUSSIAN, per, Dokl Ak Nauk SSR, Vol CIX, No ¹ 4,
1958, pp 183-.

Consultants Bureau

Sci - Geophys

96,572

The Hereditary Information and Its Transformations,
by I. I. Schmalhausen, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, 1958,
pp 187-190.

AEC 3468

Am. Inst. Nat. Sci.

Sci - Biol

Jan 39

79,565

Some Data on the Copepoda of the Littoral Plankton of
the South Kuril Islands, by M. S. Kos, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 191-.

Amer Inst of Biol Sci

Sci - Med

Synthesis of Vitamins in Mitochondrial European
Cultures, by E. L. Rabin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 193-.

Amer Inst of Biol Sci

Sci - Med

97,016

Morphogenesis of Living Forms of Herbaceous
Plants of Western Siberia, by V. N. Golubev,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII,
No 1, 1958, pp 195-198.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,048

Branching of Dormant Buds of Shrubs, by M. I.
Lyashenko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 199-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,041

The Effect of the Burrowing of Ellobius Talpinus
on the Development of Taky Vegetation, ~~30000~~
by E. V. Rotshil'd, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1958, pp 201-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,046

The Change in the Relative Size of Fins in the
Ontogenesis and Phylogenesis of Fish, by Yu. G.
Aleyev, 4 pp.

RUSSIAN, per. Dok Ak. Nauk SSSR, Vol. CXX, No 1,
1958, pp 204-207.

Am. Inst of Biol Sci.

Sci - Mod

97,026

On the Dwarf Males Among the Endemic Inhabitants of Lake
Baikal, by M. Yu. Belman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 208-.

Amer Inst of Biol Sci

Sci - Med

97,027

Regeneration of Canine Dental Tissue, by L. V.
Polezhayev, A. I. Matveyeva, V. I. Vorob'eva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 212-.

Amer Inst of Biol Sci

Sci - Med

96,980